

IN THE CLAIMS:

Please amend Claims 1-14 as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

Claim 1 (currently amended): A method of forming object groups from a plurality of received objects, said method comprising for each received object the steps of:

passing data describing ~~said that~~ received object to at least one detection scheme, each detection scheme having a priority and an associated object group type, and operative to detect whether ~~said that~~ received object forms part of an object group of ~~said the~~ associated object group type;

receiving notification from ~~said the~~ at least one detection scheme of whether ~~said that~~ received object forms part of ~~said the~~ object group(s);

determining whether one or more of ~~said the~~ object groups are completely formed upon inclusion of that received object in the one or more object groups, where at least partly formed object groups form a list; and

outputting for rendering a completely formed object group based on ~~said the~~ priorities.

Claim 2 (currently amended): The method as claimed in claim 1, wherein said outputting step includes outputting the ~~outputs~~ ~~said~~ completely formed object group if ~~said the~~ completely formed object group is the object group in ~~said the~~ list of a type associated with the detection scheme with a highest priority.

Claim 3 (currently amended): The method as claimed in claim 1, wherein ~~said~~ the data describing the received object is passed to detection schemes having associated object group types where ~~said~~ the received object is a potential member of an object group of ~~said~~ the associated object group types, and detection schemes having object groups in ~~said~~ the list.

Claim 4 (currently amended): The method as claimed in claim 1, further comprising the further step of outputting for rendering received objects not forming part of ~~said~~ the object groups.

Claim 5 (currently amended): The method as claimed in claim 1, further comprising the further step of outputting for rendering previously received objects that were forming part of one or more object groups that have not been output, where at least one of the objects of ~~said~~ the completely formed object groups has been output.

Claim 6 (currently amended): The method as claimed in claim 5, wherein ~~said~~ the previously received objects are output for rendering (i) individually or (ii) as a group, depending on an attribute of the detection scheme associated with the type of the object group of which ~~said~~ the previously received objects form part.

Claim 7 (currently amended): A graphics rendering system for forming object groups from a plurality of received objects, said graphics rendering system comprising:

a plurality of detection schemes, each detection scheme having a priority and an associated object group type, and operative to detect whether an object forms part of an object group of said associated object group type; and

a managing module for passing data describing a received object to at least one detection scheme, for receiving notification from said at least one detection scheme of whether said that received object forms part of said the object group(s), for determining whether one or more of said the object groups are completely formed upon inclusion of that received object in the one or more, where at least partly formed object groups form a list, and for passing a completely formed object group to a rendering module based on said the priorities.

Claim 8 (currently amended): The graphics rendering system as claimed in claim 7, wherein said managing module passes said the completely formed object group to said rendering module if said the completely formed object group is the object group in said the list of a type associated with the detection scheme with a highest priority.

Claim 9 (currently amended): The graphics rendering system as claimed in claim 7, wherein said the data describing the received object is passed to detection schemes having associated object group types where said that received object is a potential member of an object group of said the associated object group types, and detection schemes having associated object groups in said the list.

Claim 10 (currently amended): The graphics rendering system as claimed in claim 7, wherein said managing module further passes received objects not forming part of said the object groups to said rendering module.

Claim 11 (currently amended): The graphics rendering system as claimed in claim 7, wherein said managing module further passes previously received objects to said rendering module, wherein said the previously received objects were forming part of one or more object groups that have not been rendered, and at least one of the objects of said the completely formed object groups has been rendered.

Claim 12 (currently amended): The graphics rendering system as claimed in claim 11, wherein said the previously received objects are passed to said rendering module (i) individually or (ii) as a group, depending on an attribute of the detection scheme associated with the type of the object group of which said the previously received objects form part.

Claim 13 (currently amended): A computer program product including a computer readable medium having recorded ~~thereon~~ therein a computer program for forming object groups from a plurality of received objects, said computer program for each received object comprising:

code for passing data describing said that received object to at least one detection scheme, each detection scheme having a priority and an associated object group type, and

operative to detect whether ~~said that~~ received object forms part an object group of ~~said the~~ associated object group type;

code for receiving notification from ~~said the~~ at least one detection scheme of whether ~~said the~~ received object forms part of ~~said the~~ object group(s);

code for determining whether one or more of ~~said the~~ associated object groups are completely formed upon inclusion of the received object in the one or more object groups,

where at least partly formed object groups form a list; and

code for outputting for rendering a completely formed object group based on ~~said the~~ priorities.

Claim 14 (currently amended): The computer program product as claimed in claim 13, wherein said code for outputting outputs ~~said the~~ completely formed object group if ~~said the~~ completely formed object group is the object group in ~~said the~~ list of a type associated with the detection scheme with a highest priority.